

FORM PTO-1449, Adapted

LIST OF INFORMATION DISCLOSED BY APPLICANT (Use several sheets if necessary)

ATTY. DOCKET NO. 19720-0624	SERIAL NO. 09/457,771	FILING DATE December 9, 1999
APPLICANT R. Martin Emanuele et al		GROUP 1635

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RS	AA	RE 29,909	02/13/79	Kurtz	514 252	772 89	
	AB	2,674,619	10/15/53	Lundsted	560 260	148 485	
	AC	2,854,378	09/30/58	Buckwalter	514 167	152 64	
	AD	2,979,528	04/11/61	Lundsted	564 260	585 584	
	AE	3,022,335	02/20/62	Lundsted	546 260	120 485	
	AF	3,036,118	05/22/62	Jackson, et al.	560 260	142 484	
	AG	3,089,818	05/14/63	Stone	525 167	541 65	
	AH	3,140,232	07/07/64	Noseworthy	514 167	2 65	
	AI	3,228,834	01/11/66	Gans, et al.	514 167	21 58	
	AJ	3,450,502	05/04/71	Hymes	422 23	45 258.5	
RS	AK	3,577,522	05/04/71	Hymes	424	78.38	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
RS	AL	WO 87/06836	11/19/87	International	Emory University	
RS	AM	0 003 999	09/19/79	Europe	Hoechst Aktiengesellschaft	
RS	AN	0 049 422	09/23/81	Europe	Miles Laboratories, Inc.	Yes

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	AO	Conforth, et al., "Antituberculous Effect of Certain Surface-Active Ethylene Ethers in Mice," <i>Chemical Abstracts</i> , Vol. 46, No. 2696 (1952)
	AP	Schmolka, "A Review of Block Polymer Surfactants," <i>Journal of the American Oil Chemists Society</i> , Vol. 54, No. 3, pp. 110-116 (1977)
	AR	<i>Block and Graft Copolymerization</i> , Vol. 2, ed. by R.J. Ceresa, John Wiley & Sons (1976)
RS	AS	Matsukara, et al. "Phosphorothioate Analogs of Oligodeoxynucleotides: Inhibitors of Replication and Cytopathic Effects of Human Immunodeficiency Virus," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 84, pp. 7706 (1987)
	AT	Technical Bulletin entitled "Performance Chemicals"

EXAMINER *R. D. S.* DATE CONSIDERED *5/24/00*

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RS	BA	3,590,125	06/29/71	Hymes	424	78.38	
	BB	3,641,240	02/08/72	Hymes, et al.	424	78.38	
	BC	3,740,421	06/19/73	Schmolka	424	457 65 65	
	BD	3,867,521	02/18/75	Miskel, et al.	424	32 457	
	BE	3,867,533	02/18/75	Schmolka	514 424	311 258	
	BF	3,956,259	05/11/76	Garcia, et al.	530 260	380 112.5	
	BG	4,073,886	02/14/78	Kehm	530 260	383 112	
	BH	4,100,271	07/11/78	Krezanoski	514 424	11 078	
	BI	4,323,560	04/06/82	Baschang, et al.	514 424	8 177	
	BJ	4,395,393	07/26/83	Schmolka	514 424	672 78	
RS	BK	4,407,790	10/04/83	Oakes, et al.	514 424	723 78	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES	NO.
RS	BL	27 08 152	09/08/77	Germany	Flow Pharmaceuticals, Inc.		X
	BM	0 103 290	09/10/83	Europe	Intermedicat GMBH		X
	BN	2 081 436	01/14/71	France	R.P. Cherer Corporation		X
RS	BO	0 011 237	05/28/80	Europe	Bayer AG		X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	BP	Moore, et al., "Reduction of Splenic Vascular Resistance During Profusion by Pluronic® F-68," <i>Journal Surgical Research</i> , Vol. 8, pp. 563-566 (1968)
	BR	Snippe, et al., "Adjuvant Effect of Nonionic Block Polymer Surfactants in Humoral and Cellular Immun," <i>Int. Archs Allergy Appl. Immun.</i> Vol. 65, pp. 390-398 (1981)
	BS	Byars, et al., "Adjuvant formulation for us in Vaccines to Elicit Both Cell-mediated and Humoral Immun," <i>Vaccine</i> , Vol. 5, pp. 223-228 (1987)
	BT	Pator, et al., "The Use of a Nonionic Detergent Added to Organ Perfusates," <i>Organ Perfusion and Preservation</i> , ed. by Norman, J.C. Appleton-Century-Crofts, pp. 105-120 (1968)
RS	BU	Technical Bulletin entitled "Pluronic® Block Copolymer Surfactants"

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RS	CA	4,409,209	10/11/83	Baschang, et al.	514 424	8 177	
	CB	4,410,660	10/18/83	Straus	525	54.1	
	CC	4,423,038	12/27/83	Baschang, et al.	514 424	8 177	
	CD	4,489,158	12/18/84	Straus	435	7.32	
	CE	4,575,484	03/11/86	Straus	435	7.32	
	CF	4,606,918	08/19/86	Allison, et al.	424	88-279.1	
	CG	4,609,546	09/02/86	Hiratani	424	83-78.3 94-63.3	
	CH	4,801,452	01/31/89	Hunter, et al.	424	94.63	
	CI	4,837,014	06/06/89	Hunter, et al.	424	78-94.63	
	CJ	4,873,083	10/10/89	Hunter, et al.	424 424	1.44 83	
	CK	4,879,109	11/07/89	Hunter	514 424	723 83	
RS	CL	4,897,263	01/30/90	Hunter	514 424	723 83	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO
RS	CM	0 000 704	02/21/79	Europe	Bayer AG	
	CN	WO 87/06836	11/19/87	International	Emory University	
	CO	WO 92/16484	10/01/92	International	Cytrx Corporation	
	CP	WO 93/08845	05/13/93	International	Massachusetts Institute of Technology	
RS	CR	0 121 752	10/17/84	Europe	Behringwerke AG	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	CS	Hunter, et al. "Nonionic Block Copolymers Surfactants as Immunological Adjuvants: Mechanisms of and Novel Formulations," <i>Immunological Adjuvants and Vaccines</i> , ed. by Gregoriadis, G. et al., Plenum Publishing Corp., pp. 133-144 (1989)
RS	CT	Hunter, et al. "The Adjuvant Activity of Nonionic Block Polymer Surfactants. I. The Role of Hydrophilic Lipophile Balance," <i>J. Immun.</i> , Vol. 127, No. 3 (1981)

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RS	DA	4,937,070	06/26/90	Hunter	424	83 78.38	
	DB	4,997,644	03/05/91	Hunter	424	83 78.35	
	DC	5,017,370	05/21/91	Hunter, et al.	424	83 78.38	
	DD	5,028,599	07/02/91	Hunter	514	83	
	DE	5,030,448	07/09/91	Hunter	424	83 78.38	
	DF	5,032,394	07/16/91	Hunter	424	83 78.38	
	DG	5,039,520	08/13/91	Hunter	424	83 78.38	
	DH	5,041,288	08/20/91	Hunter	424	83 78.38	
	DI	5,047,236	09/10/91	Hunter, et al.	424	83 78.38	
	DJ	5,064,643	11/12/91	Hunter, et al.	424	83 78.38	
RS	DK	5,071,649	12/10/91	Hunter	424	78.38	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	DL	Hunter, et al., "Adjuvant Activity of Non-Ionic Block Copolymers. IV. Effect of Molecular Weight and Formulation on Titre and Isotype of Antibody," Vaccine, Vol. 9, pp. 250-256 (1991)
	DM	Takayama, et al., "Adjuvant Activity of Non-Ionic Block Copolymers. V. Modulation of Antibody Isotype Lipopolysaccharides, Lipid A and Precursors," Vaccine, Vol. 9, pp. 257-265 (1991)
	DN	Ketchum, et al., "Experimental Use of Pluronic® F-68 in Microvascular Surgery," Plastic and Reconstructive Surgery, Vol. 53, pp 288-292 (1974)
	DO	Schmolka, et al., "Artificial Skin I. Preparation and Properties of Pluronic® F-127 Gels for Treatment of Burns," J. Biomed. Mater. Res., Vol. 6, pp. 571-582 (1972)
	DP	Grover, et al., "A Non-Ionic Surfactant and Blood Viscosity," Arch. Surg. Vol. 106, pp 307-310 (1973)
	DR	Grover, et al., "The Effect of Pluronic® F-68 on Circulatory Dynamics and Renal and Carotid Artery Flow During Hemorrhagic Shock," Journal of Surgical Research, Vol. 17, pp 30-35 (1974)
	DS	Papadea, et al., "Effect of RheothRx™ Copolymer on Blood Viscosity Related to Fibrin (ogen) Concentration," Faseb J., Vol. 2, No. 4, pp. A384A, Abstract 512 (1988)
	DT	Hunter, et al., "Increased Whole Blood Viscosity During Coronary Bypass Surgery," Thromb. Haemost., V 63, No. 1, pp. 6-12 (1990)
		Mezrow, et al., "Poloxamer 188 Improves Neurologic Outcome after Hypothermic Circulatory Arrest," J. Thorac. Cardiovas. Surg., Vol. 103, No. 6, pp. 1143-1146 (1992)
RS	DU	Nagata, et al., "Clinical Evaluation on the Effect of Poloxamer 188 on the Hemolysis During Cardiopulmonary Bypass," J. Aichi. Med. Univ. Assoc., Vol. 11, No. 1, pp. 48-54 (1983)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RS	EA	5,078,995	01/07/92	Hunter, et al.	424	78.38	
RS	EB	5,080,894	01/14/92	Hunter, et al.	424	78.38	
RS	EC	5,089,260	02/18/92	Hunter, et al.	424	78.38	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	ED	William, et al., "Modulation of Rat Granulocyte Traffic by a Surface Active Agent in Vitro and Bleomycin Injury," <i>Proceedings of the Society for Experimental Biology and Medicine</i> , Vol. 188, pp. 461-470 (1988)
	EE	Block, et al., "Acutely Traumatized Canine Ureter. Effects of Low Molecular Weight Dextran and Surfactant Pluronic® F-68," <i>Urology</i> , Vol. 3, No. 2, pp. 190-194 (1974)
	EF	Knize, et al., "Use of Antisludging Agents in Experimental Cold Injuries," <i>Surgery, Gynecology & Obstetrics</i> , Vol. 129, pp. 1019-1026 (1969)
	EG	Gaechtgens, et al., "Disaggregation of Human Red Blood Cells by Various Surface-Active Agents as Related to Changes of Cell Shape and Hemolysis," <i>Acta Haemat.</i> Vol. 53, pp. 82-89 (1975)
	EH	Lane, et al., "Reduction in the Toxicity of a Component of an Artificial Blood Substitute by Supercritical Fluid Fractionation," <i>Transfusion</i> , Vol. 28, pp. 375-378 (1987)
	EI	Atkinson, et al., "Ion Transport Mediated by Copolymers Composed of Polyoxyethylene and Polyoxypropylene," pp. C20-C26 (1988)
	EJ	Ketchum, L.D., "Pharmacological Alterations in the Clotting Mechanism: Use in Microvascular Surgery," <i>Journal of Hand Surgery</i> , Vol. 3, pp. 407-415 (1978)
	EK	Benner, et al., "Über die Wirkung von Pluronic® F-68, einem Polyoxypropylen-Polyoxyethylen-Kondensat auf die ADP-induzierte Thrombocytenaggregation <i>in Vitro</i> (The Effect of Pluronic® F-68, a Polyoxypropylene/Polyoxyethylene Condensate, on ADP-Induced Platelet Aggregation <i>in Vitro</i>)," <i>Pflügers Arch.</i> , Vol. 2, pp. 331-342 (1973)
	EL	Benner, et al., "Cold-Induced Platelet Aggregation <i>In Vivo</i> and Its Inhibition by a Nonionic Surface Active Substance," <i>Thrombosis Research</i> , Vol. 2, pp. 331-342 (1973)
	EM	Hoie, et al., "Effects of Pluronic® F-68, Poloxalkol, On Vascular Resistance <i>in Vivo</i> ," <i>Journal of Surgical Research</i> , Vol. 11, pp. 515-517 (1971)
	EN	Hymes, et al., "The Influence of an Industrial Surfactant Pluronic® F-68, In the Treatment of Hemorrhagic Shock," <i>Journal of Surgical Research</i> , Vol. 11, pp. 191-197 (1971)
	EO	Vasko, et al., "Poloxalkol® (Pluronic® F-68): A Priming Solution for Cardiopulmonary Bypass," <i>Trans. & Soc. Artif. Int. Organs</i> , Vol. 18, pp. 526-531 (1972)
	EP	Rodeheaver, G.T., "Pluronic® F-68: A Promising New Skin Wound Cleanser," <i>Ann Emerg. Med.</i> , Vol. 9, No. 11, pp. 572-576 (1980)
	ER	Rodeheaver, et al., "Mechanical Cleansing of Contaminated Wounds with a Surfactant," <i>J. Biochem. Interactions</i> , Vol. 83, pp. 153-1510s (1975)
	ES	Kondo, et al., "Prolonged Suspended Animation in Puppies," <i>Cryobiology</i> , Vol. 11, No. 5, pp. 446-451 (1974)
	ET	Sakauchi, "Prevention of Excess Hemolysis During Cardiopulmonary Bypass by the Use of Pluronic® F-68," <i>Kitakanto Med. J.</i> , Vol. 23, No. 3, pp. 231-238 (1973)
RS	EU	Hunter, et al., "The Adjuvant Activity of Nonionic Block Polymer Surfactants. III. Characterization of Select Biologically Active Surfaces," <i>Scand. J. Immunol.</i> Vol. 23, pp. 287-300 (1986)

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23	FA	4,772,466	9/88	Allison, et al	424	88	
1	FB	5,262,170	11/93	Anderson et al			
	FC	5,221,495	6/93	Cao	435	188	
	FD	4,873,083	10/10/89	Hunter et al			
	FE	4,869,900	9/89	Pozzi et al	424	94.1	
25	FG	5,037,644	8/91	Shaked et al	424	85.2	

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						YES	NO
25	FH	0,003,999	2/22/79	EPO	Heinz et al		
	FI	PCT/US87/01067	5/8/87	EPO	Hunter et al		
	FJ	PCT/US86/01747	8/25/86	PCT	Hunter et al		
25	FK	WO91/19794	12/91	PCT	Rosenberg et al		

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	FL	
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